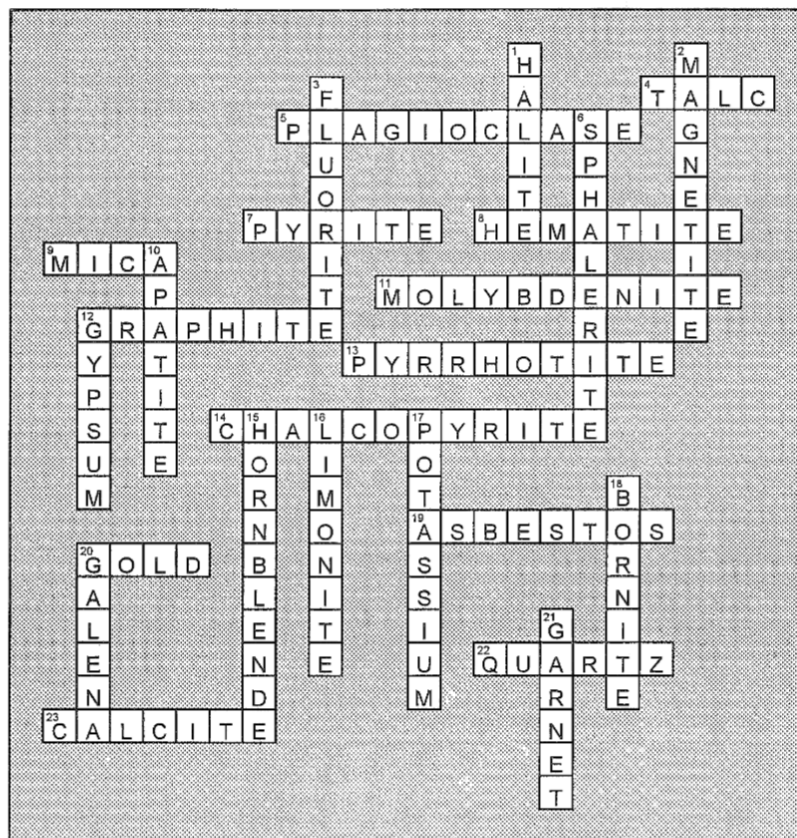


Using the Mineral Data Sheet - Key

April 5, 2015 11:20 AM

Name _____

Using the Mineral Data Sheet



Across

4. pearly white, softest mineral, waxy or greasy lustre
5. white feldspar, tabular crystals
7. brass yellow, fool's gold, cubic crystals, hardness 6-6.5
8. red brown streak no matter the colour
9. one cleavage plane, light or dark, vitreous, flakes
11. lead grey bluish tinge, metallic, hardness = 1-1.5
12. black, metallic, massive form, pencil lead
13. bronze yellow, grey black streak, metallic, no cleavage, specific gravity = 4.6
14. golden-brassy yellow, tetrahedral crystals, specific gravity = 4.2
15. usually green, waxy, cancer-causing
16. yellow streak, metallic, no cleavage, specific gravity = 19
17. white streak, vitreous, no cleavage, prismatic crystals, hardness = 7
18. vitreous, rhombohedral, double refraction, fizzes with acid

Down

1. cubic, salty
2. black, metallic, magnetic
3. variable colour, cubic crystals, 4 cleavage planes
6. mined for zinc, 6 perfect cleavage planes
10. usually green, vitreous, hardness = 5, specific gravity = 3.1
12. colourless to white, vitreous to pearly, hardness = 2
15. dark green to black, form = long crystals, grains, 2 cleavage planes at 56 degrees, hardness = 6
16. brownish yellow, earthy, hardness = 5.5 to 6
17. pink feldspar, stubby crystals
18. iridescent blue, metallic, no cleavage, hardness=3
20. lead-grey, metallic, cubes or massive, 3 cleavage planes, specific gravity = 7.6
21. red, vitreous, 12 or 24 faced crystals, hardness = 7

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